



## INFORMATION DISCLOSURE STATEMENT

Applicant : Fermann, et al.  
App. No : 10/814,502  
Filed : March 31, 2004  
For : PULSED LASER SOURCES  
Examiner : Unknown  
Art Unit : 2750

## CERTIFICATE OF MAILING

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(Date)

Mark J. Gallagher, Reg. No. 43,622

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Dear Sir:

Enclosed for filing in the above-identified application is an Information Disclosure Statement by Applicant (PTO/SB/08 equivalent) listing 43 (forty three) references to be considered by the Examiner. Also enclosed are 13 (thirteen) copies of non-patent literature as listed on the Information Disclosure Statement.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required. If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

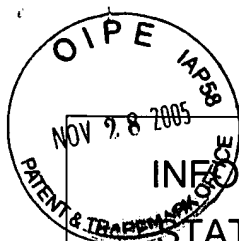
Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 11/22/05

By: [Signature]

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application No.	10/814,502
Filing Date	March 31, 2004
First Named Inventor	Fermann, et al.
Art Unit	2750
Examiner	Unknown
Attorney Docket No.	IMRAA.023A

(Multiple sheets used when necessary)

SHEET 1 OF 2

Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1.	4,713,821	12/1987	BRADFORD, ET AL.	
	2.	4,860,296	08/1989	CHEMLA, ET AL.	
	3.	5,003,550	03/1991	WELCH, ET AL.	
	4.	5,050,183	09/1991	DULING, III	
	5.	5,448,579	09/1995	CHANG, ET AL.	
	6.	5,450,427	09/1995	FERMANN, ET AL.	
	7.	5,473,622	12/1995	GRUBB, ET AL.	
	8.	5,617,434	04/1997	TAMURA, ET AL.	
	9.	5,627,848	05/1997	FERMANN, ET AL.	
	10.	5,666,372	09/1997	BALL, ET AL.	
	11.	5,666,373	09/1997	SHARP, ET AL.	
	12.	5,689,519	11/1997	FERMANN, ET AL.	
	13.	5,880,877	03/1999	FERMANN, ET AL.	
	14.	6,034,975	03/2000	HARTER, ET AL.	
	15.	6,072,811	06/2000	FERMANN, ET AL.	
	16.	6,097,741	08/2000	LIN, ET AL.	
	17.	6,236,779	05/2001	KAFKA, ET AL.	
	18.	6,252,892	06/2001	JIANG, ET AL.	
	19.	6,275,512	08/2001	FERMANN	
	20.	6,298,074	10/2001	JEON, ET AL.	
	21.	6,373,867	04/2002	LIN, ET AL.	
	22.	6,389,198	05/2002	KAFKA, ET AL.	
	23.	6,590,910	07/2003	LIN	
	24.	6,738,408	05/2004	ABEDIN	
	25.	6,885,683	04/2005	FERMANN, ET AL.	
	26.	2002/0071454	06/2002	LIN	
	27.	2002/0168161	11/2002	PRICE, ET AL.	
	28.	2002/0172486	11/2002	FERMANN, ET AL.	
	29.	2004/0263950	12/2004	FERMANN, ET AL.	
	30.	2005/0018714	01/2005	FERMANN, ET AL.	

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Multiple sheets used when necessary)</i>	Application No.	10/814,502
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	Art Unit	2750
	Examiner	Unknown
SHEET 2 OF 2	Attorney Docket No.	IMRAA.023A

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	31.	Cundiff, et al., "Optical frequency synthesis based on mode-locked lasers", Review of Scientific Instruments, Vol. 72, No. 10, October 2001, pp. 3749-3771
	32.	Cundiff, et al., "Colloquium: Femtosecond optical frequency combs", Reviews of Modern Physics, Vol. 75, January 2003, pp. 325-342
	33.	Islam, et al., "Color Center Lasers Passively Mode Locked by Quantum Wells", IEEE J. Quantum Electron., Vol 25, pp. 2545-2463 (1989)
	34.	Hopfel, et al., "Intraband inversion due to ultrashort carrier lifetimes in proton-bombarded InP" Appl. Phys. B., Vol 53, No. 19, p. 12581 (1996)
	35.	DeSouza, et al., "Saturable absorber modelocked polarization maintaining erbium-doped fibre laser", Electron. Lett, Vol. 29, No. 5, pp. 447-449, (1993)
	36.	Fermann, et al., "Additive-pulse-compression mode locking of a neodymium fiber laser," Optical Letters, Vol. 16, No. 4, Feb. 15, 1991, pp. 244-246.
	37.	Ilday, et al., "Practical all-fiber source of high power, 120 fs pulses at 1 $\mu$ m", Opt. Lett, Vol. 28, No. 15, p. 1362, August 1, 2003
	38.	Delfyett, et al., "Ultrafast Modelocked Semiconductor Lasers", in chapter 5 of "Ultrafast Lasers, Technology and Applications", M.E. Fermann, et al, eds. 2003 Marcel Dekker publisher
	39.	Jones, et al., "Carrier-envelope phase control of femtosecond mode-locked lasers and direct optical frequency synthesis", Science Mag., pp. 635-639, April 28, 2000
	40.	Washburn, et al., "An all-fiber, phase-locked supercontinuum source for frequency metrology", Opt. Soc., Am., Annual meeting, paper PDP7, (2003)
	41.	Tauser, et al., "Amplified femtosecond pulses from an Er:fiber system: nonlinear pulse shortening and self-referencing detection of the carrier-envelope phase evolution", Opt. Express, Vol. 11, No. 6, p. 594 (2003)
	42.	Tamura, et al., "Unidirectional ring resonators for self-starting passively mode-locked lasers," Optics Letters, Vol. 18, No. 3, Feb. 1, 1993, pp. 220-222.
	43.	Kado, et al., "Broadband flat-noise amplifier using low-noise bi-directionally pumping sources", European Conference on Optical Communication, ECOC (2001)

Examiner Signature	Date Considered
<b>*Examiner:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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